

# A G E N D A

## UTAH BOARD OF WATER RESOURCES

Cedar City Office Building  
(Council Chambers)  
10 North Main  
Cedar City, Utah

August 8, 2003

8:30 a.m.

- I. CALL TO ORDER
- II. APPROVAL OF MINUTES - June 11 & 12, 2003
- III. CHAIR'S REPORT
- IV. QUALITY GROWTH COMMISSION REPORT John Bennett
- V. STATE ENGINEER'S GROUNDWATER MANAGEMENT CONCERNS Lee Sim
- VI. COMMITTAL OF FUNDS  
E070 Johnson Water District Duchesne
- VII. SPECIAL ITEMS  
E044 Parowan West Fields Irr. Co.(Withdrawal) Iron  
E055 Herriman Pipeline & Development Co. Salt Lake  
    (Amendment) Iron  
E090 Parowan City (Withdrawal) Iron  
E107 Pioneer Land & Irr. Co. Weber  
    (Feas. Rep. & Comm. of Funds)
- VIII. BEAR RIVER COMMISSION APPOINTMENTS
- IX. DIRECTOR'S REPORT
- X. OTHER ITEMS
- XI. NEXT BOARD MEETING- September 19, 2003 - Salt Lake City
- XII. ADJOURNMENT

# BOARD OF WATER RESOURCES

## Revolving Construction Fund

### Funding Status

August 8, 2003

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Funds Available for Projects This FY	\$	6,695,000
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#### Projects Contracted This FY

1 Marion Waterworks Co	E053	\$	320,000	
Contracts for Dam Safety Studies		**	<u>10,000</u>	
Total Funds Contracted				\$ 330,000
Funds Balance				<u>\$ 6,365,000</u>

#### Projects with Funds Committed

* 1 Lake Shore Irr Co	E106	\$	141,000	
2 Pioneer Land & Irr Co	E107		90,000	
3 Kays Creek Irr Co (Adams Dam) Amd	C001	Grant	** 4,000	
4 Consolidated Sevier Bridge Res Co	C023	Grant	** 3,625,000	
Commitments for Dam Safety Studies			** <u>136,000</u>	
Total Funds Committed				\$ 3,996,000
Funds Balance				<u>\$ 2,369,000</u>

#### Projects Authorized

1 Beaver Bench Irr Co	D918	\$	280,000	
2 North Canyon Irr Co	D955		315,000	
3 Deseret Irr Co	E056		432,000	
4 Porcupine Highline Canal Co	E062		85,000	
5 Bear River Canal Co	E097		489,000	
6 West Panguitch Irr & Res Co	E105		<u>137,000</u>	
Total Funds Authorized				\$ 1,738,000
Remaining Funds Available				<u>\$ 631,000</u>

\* To be presented at Board Meeting

\*\* Dam Safety Projects

**BOARD OF WATER RESOURCES**

**Cities Water Loan Fund**

**Funding Status**

**August 8, 2003**

Funds Available for Projects This FY	\$ 2,158,000
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**Bonds Closed This FY**

1	\$ -
Total Bonds Closed	\$ -
Funds Balance	\$ 2,158,000

**Projects with Funds Committed**

* 1 Johnson Water District	E070	\$ 464,000
Total Funds Committed		\$ 464,000
Funds Balance		\$ 1,694,000

**Projects Authorized**

1 Trenton Town	L534	\$ 1,304,000
Total Funds Authorized		\$ 1,304,000
Remaining Funds Available		\$ 390,000

\* To be presented at Board Meeting

**BOARD OF WATER RESOURCES**  
**Conservation & Development Fund**

**Funding Status**

**August 8, 2003**

Funds Available for Projects This FY	\$ 10,890,000
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**Projects Contracted/Bonds Closed This FY**

1 Wolf Creek Water Conservancy Inc.	E089	\$	611,000
2 Davis & Weber Counties Cnl Co (Ph 4)	E112		545,000
Total Funds Contracted/Closed			\$ 1,156,000
Funds Balance			\$ 9,734,000

**Projects with Funds Committed**

1 Taylor-West Weber WID	E095	\$	825,000
2 Town of Brian Head	L541		1,700,000
3 Centerville City	L544		1,142,000
4 Lake Creek Irr Co (Ph 1)	E102		22,500
Total Funds Committed			\$ 3,690,000
Funds Balance			\$ 6,044,000

**Projects Authorized**

1 Uintah WCD (Red Wash)	D730	\$	1,940,000
2 Strawberry High Line Canal Co	D976		3,187,000
3 Kanab Irr Co	D968		62,000
4 Center Creek Culinary Water Co	E020		450,000
5 Uintah WCD (Island Ditch)	E036		720,000
6 Mountain Regional Water SSD	E040		1,675,000
7 New Santa Clara Field Canal Co	E069		930,000
8 Ephraim Irr Co	E061		1,155,000
19 Richland Nonprofit Water Co	E087		335,000
10 City of Cedar Hills	E099		31,200
11 Lake Creek Irr Co (Ph II)	E102		300,000
12 Tropic & East Fork Irr Co	E104		820,000
13 West Point City	L546		410,000
Total Funds Authorized			\$ 12,015,000
Remaining Funds Available			\$ (5,971,000)

\* To be presented at Board Meeting

# BOARD OF WATER RESOURCES

August 8, 2003

ADDITIONAL ACTIVE PROJECTS			Fund	Est. Board Cost	Total Cost
<b>Authorized or Committed Projects</b>					
1 Davis & Weber Counties Cnl Co (Ph 4)	D674	C&D		\$ 10,379,000	\$ 12,211,000
2 Central Utah WCD (Prepay FY98,99,00)	D960	C&D		3,000,000	3,000,000
3 Washington County WCD (Ivins)	D925	C&D		1,390,000	5,100,000
4 Weber Basin WCD (Secondary Irr, Ph 3-5)	E029	C&D		27,721,000	32,613,000
5 Davis & Weber Counties Cnl Co(Cnl Rehab)	E035	C&D		18,230,000	21,447,000
6 Hooper Irr Co (Press Irr, Ph 2-4)	E060	C&D		13,898,000	16,350,000
Subtotal				\$ 74,618,000	\$ 90,721,000
<b>Projects Under Investigation</b>					
1 Downs Ditch Water Co	D899	RCF		\$ 7,500	\$ 10,000
2 Keith Johnson	D996	RCF		37,500	50,000
3 Mayfield Irr Co	E067	RCF		187,500	250,000
4 Rock Dam Irr Co	E083	RCF		37,500	50,000
5 Summit County Service Area #3	E045	CWL		414,750	553,000
6 Woodruff Irrigating Co	D680	C&D		600,000	800,000
7 Kane County WCD	D828	C&D		1,500,000	2,000,000
8 Uintah WCD (Leota Bench)	D944	C&D		750,000	1,000,000
9 Gunnison Butte Mutual Irr Co	E004	C&D		10,500,000	14,000,000
10 Town of Altamont	E012	C&D		142,500	190,000
11 City of South Jordan	E034	C&D		2,253,000	3,004,000
12 Hyrum Blacksmith Fork Irr Co	E047	C&D		2,025,000	2,700,000
13 East Juab County WCD	E071	C&D		375,000	500,000
14 New Escalante Irr Co	E077	C&D		5,625,000	7,500,000
15 Ferron Canal & Res Co	E082	C&D		2,625,000	3,500,000
16 Whiterocks Irr Co	E084	C&D		1,500,000	2,000,000
17 Logan, Hyde Park, Smithfield Canal Co	E096	C&D		1,301,250	1,735,000
18 Newton Water Users Association	E100	C&D		1,001,250	1,335,000
19 Centerfield Town	L547	C&D		1,986,000	2,648,000
20 Town of Goshen	E109	C&D		240,000	320,000
* 21 Weber-Box Elder Conservation Dist	E113	C&D		9,750,000	13,000,000
Subtotal				\$ 42,858,750	\$ 57,145,000
TOTAL				\$ 117,476,750	\$ 147,866,000

\* New Applications

## BOARD OF WATER RESOURCES

August 8, 2003

### Long Term Large Water Conservation Projects

1 Sanpete WCD (Narrows Dam)	D377
2 Wayne County WCD	D494
3 Cedar City Valley Water Users	D584
4 Bear River WCD	D738
5 Upper Sevier River WCD	E098

BOARD OF WATER RESOURCES

Committal of Funds

Cities Water Loan Fund

Appl. No.: **E-070**  
Received: 2/12/02  
Approved: 3/14/02  
Authorized: 4/19/02

To be Presented at the August 8, 2003 Board Meeting

SPONSOR: **JOHNSON WATER DISTRICT**

District Manager: Bruce Dart  
Route 3 Box 3188  
Roosevelt, UT 84066  
Phone: (435) 722-2620

LOCATION: The project is located about seven miles northwest of Myton in Duchesne County.

PROJECT SUMMARY: The district is requesting financial assistance from the board to improve its culinary water system by constructing a 750,000 gallon storage tank and connecting it to the system, upgrading an existing well's pumping equipment so water can be delivered to the new tank, and installing a telemetry line between the well and tank.

COST ESTIMATE & SHARING: Since authorization, the district received a Community Impact Board grant, it chose to increase its cost sharing, and project costs decreased. The authorized and proposed cost sharing are:

<u>Agency</u>	<u>Authorized Cost Sharing</u>	<u>% of Total</u>	<u>Proposed Cost Sharing</u>	<u>% of Total</u>
BWRe	\$ 659,000	85%	\$ 396,000	61%
CIB	---	--	100,000	16
Sponsor	<u>116,000</u>	<u>15</u>	<u>150,000</u>	<u>23</u>
TOTAL	\$ 775,000	100%	\$ 646,000	100%

REPAYMENT: Authorized repayment terms require the \$659,000 to be repaid in 25 years at 1% interest with annual payments ranging from approximately \$21,000 to \$59,300. If the board commits funds to the project, it is proposed the bonded indebtedness of \$396,000 be repaid in 25 years at 1% interest with annual payments ranging from approximately \$13,500 to \$29,300.

FINANCIAL  
FEASIBILITY: Based on the board's water service affordability guidelines, the sponsor's residential customers could pay up to \$28.28 monthly for all water, which is based on a weighted average of the median incomes of communities within the district. The cost of water with the proposed project at authorization and at proposed committal of funds is:

Authorization \$61.31/Conn./Mo.  
Committal \$60.31/Conn./Mo.



BOARD OF WATER RESOURCES

Special Item

Withdrawal

Revolving Construction Fund

Appl. No.: **E-044**  
Received: 12/4/00  
Approved: 1/19/01  
Authorized: 1/19/01  
Committed: 1/19/01

To be Presented at the August 8, 2003 Board Meeting

SPONSOR: **PAROWAN WEST FIELDS IRRIGATION COMPANY**

President: Alma L. Adams  
P.O. Box 292  
1716 West 200 North  
Parowan, UT 84761  
Phone: (435) 477-3574

LOCATION: The project is located near Center Street and 600 West in Parowan City, Iron County.

SUMMARY: The board committed \$15,200 to the sponsor to retrofit its pressurized irrigation system with valves and piping necessary to improve flow to a user at the top of the system.

Because the sponsor has no water rights of its own, the board required individuals' shares in Parowan Reservoir Company to be transferred to the sponsor, who would then turn them over to the board as security. Since this would require modifications to the sponsor's stock system, which shareholders didn't want to do, funding was instead obtained from Western AgCredit.

Staff recommends the sponsor's application be decommitted and withdrawn from further consideration.

BOARD OF WATER RESOURCES

Special Item

Contract Amendment - Change Payment Date

Revolving Construction Fund

Appl. No.: **E-055**  
Received: 5/21/01  
Approved: 6/8/01  
Authorized: 9/21/01  
Committed: 12/14/01

To be Presented at the August 8, 2003 Board Meeting

SPONSOR: ***HERRIMAN PIPELINE & DEVELOPMENT COMPANY***

President: Lynn Egbert  
356 N. Pioneer Street  
Herriman, UT 84065  
Phone: (801) 597-9061

LOCATION: The project is located in the city of Herriman in southwestern Salt Lake County.

SUMMARY: The sponsor recently completed improving its culinary water system by constructing a million gallon concrete storage tank, replacing an existing well's pump, motor, and controls, and doing development work on its springs in Rose Canyon.

The sponsor's first annual payment to the board, by agreement, is due September 1, 2003. Because most of its revenues are received September-November, however, the sponsor requests the due date of each payment be changed to December 1. Staff recommends the board approve the request.

BOARD OF WATER RESOURCES

Special Item

Withdrawal

Conservation and Development Fund

Appl. No.: **E-090**  
Received: 9/4/02  
Approved: 9/20/02

To be Presented at the August 8, 2003 Board Meeting

SPONSOR: **PAROWAN CITY**

Mayor: Ron Smith  
5 South Main Street  
Box 576  
Parowan, UT 84761  
Phone: (435) 477-3331

LOCATION: The proposed project is located near the southern boundary of Parowan City in Iron County.

SUMMARY: The city requested financial assistance from the board to improve its secondary irrigation system by constructing a new regulation pond outlet structure and drain system, providing erosion protection for a creek bank near the pond embankment, and installing an irrigation water bypass pipeline around an existing hydroelectric power station.

Because there is insufficient support within the city to proceed with the project, the city requests its application to the board be withdrawn.

BOARD OF WATER RESOURCES

Special Item

Feasibility Report & Committal of Funds

Revolving Construction Fund

Appl. No.: **E-107**  
Received: 3/24/03  
Approved: 4/25/03

To be Presented at the August 8, 2003 Board Meeting

SPONSOR: **PIONEER LAND & IRRIGATION COMPANY**

President: O. Scott Wayment

LOCATION: The proposed project is located just south of Plain City, which is about seven miles northwest of Ogden in Weber County.

EXISTING CONDITIONS & PROBLEMS: The sponsor delivers Weber River water to 36 shareholders flood irrigating 300 acres southeast of Plain City. Twenty of the shareholders raise 260 acres of alfalfa, pasture, small grains, and row crops, 15 use the water on 2-3 acre horse pastures, and the remaining shareholder uses his irrigation water on lawn.

River water is pumped into company canals from a facility over 60 years old, which requires considerable maintenance and needs to be replaced. In addition, at the current point of diversion, river channel characteristics are such that the sponsor must spend a significant amount of time each season diverting water and keeping it diverted.

PROPOSED PROJECT: The sponsor is requesting financial assistance from the board to install a new irrigation pump station facility approximately 200 feet upstream from its existing pump on the Weber River. The proposed pump station will be located where another irrigation company's (Warren Irrigation, which approves of the

proposal) pumped diversion once was, will be easier to operate and maintain than at the present location, and will consist of a close-coupled vertical turbine pump and controls, pump house, and inlet and outlet pipelines. Design and construction engineering will be provided by WCA Structural Engineering in Bountiful.

The project fits in Prioritization Category 3 (agricultural project that will provide significant economic benefit to area).

COST ESTIMATE: The following cost estimate was prepared by the engineer and revised by staff:

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Pump & Controls	LS	\$20,000	\$20,000
2.	Pump House	LS	75,000	75,000
3.	Pipeline	LS	5,000	<u>5,000</u>
Construction Cost				\$100,000
Contingencies				10,000
Legal and Administrative				5,000
Design and Construction Engineering				<u>5,000</u>
TOTAL				\$120,000

COST SHARING & REPAYMENT: The recommended cost sharing and repayment are:

<u>Agency</u>	<u>Cost Sharing</u>	<u>% of Total</u>
Board of Water Resources	\$ 90,000	75%
Sponsor	<u>30,000</u>	<u>25</u>
TOTAL	\$120,000	100%

If the board authorizes the project, it is suggested it be purchased with annual payments of \$4,700 at 0% interest over approximately 19 years.

FINANCIAL FEASIBILITY: Benefits from installing the project are estimated to be primarily from reduced operation and maintenance costs:

	<u>Annual Reduction</u>
Work to Divert Water	\$ 3,000
Pump Sump Cleaning	250
Pump & Diversion Monitoring	750
Pump & Pipeline Maintenance	1,500
Power	<u>810</u>
ANNUAL NET BENEFIT	\$ 6,310

With the proposed board share of the project being 75%, it is suggested the sponsor's repayment ability be calculated at approximately 75% of the annual net benefit, or \$4,700 per year.

**BENEFITS:** The proposed project will replace old, deteriorated facilities with new. Relocating the pump station 200 feet upstream will make the sponsor's diversion easier to maintain, and will reduce pumping head by about ten feet.

**PROJECT SPONSOR:** The Pioneer Land & Irrigation Company was organized in 1903 and is presently registered in good standing with the state Department of Commerce. The company's 3,200 shares of stock are held by 36 shareholders irrigating 300 acres; this past year's share assessment was \$7.50.

The company has not received financial assistance from the board in the past.

**WATER RIGHTS & SUPPLY:** The sponsor has decreed water right 35-8059 for 4.35 cfs from the Weber River.

**EASEMENTS:** Easements will be obtained across private property.

**ENVIRONMENTAL:** Environmental impacts will be assessed during the State Engineer's stream alteration permitting process.

**WATER CONSERVATION:** The project will not conserve any water; the sponsor closely monitors water waste.

SPONSOR'S RESPONSIBILITIES: If the board authorizes the proposed project, the sponsor must do the following before construction can begin:

1. Obtain a stream alteration permit from the State Engineer.
2. Obtain approval of the State Engineer to change the point of diversion.
3. Obtain all easements, rights-of-way, and permits required to construct, operate, and maintain the project.
4. Pass a resolution by the appropriate (as defined in the company's Articles of Incorporation and Bylaws) majority of company stock authorizing its officers to do the following:
  - a. Assign properties, easements, and water rights required for the project to the Board of Water Resources.
  - b. Enter into a contract with the Board of Water Resources for construction of the project and subsequent purchase from the Board.
5. Have an attorney give the Board of Water Resources a written legal opinion that:
  - a. The company is legally incorporated for at least the term of the purchase contract and is in good standing with the state Department of Commerce.
  - b. The company has legally passed the above resolution in accordance with the requirements of state law and the company's Articles of Incorporation and Bylaws.
  - c. The company has obtained all permits required for the project.
6. Have an attorney give the Board of Water Resources a written legal opinion that:
  - a. The company owns all easements and rights-of-way for the project, as well as the land on which the project is located, and that title to

these easements, rights-of-way, and the project itself can be legally transferred to the Board.

b. The company's water rights applicable to the project are unencumbered and legally transferable to the Board of Water Resources, and that they cover the land to be irrigated by the project.

In lieu of an attorney's opinion, the company may obtain a title insurance policy in the name of the Board of Water Resources for the easements, rights-of-way, land, and water rights necessary for the project.

7. Obtain approval of final plans and specifications from the Division of Water Resources and Division of Water Rights.

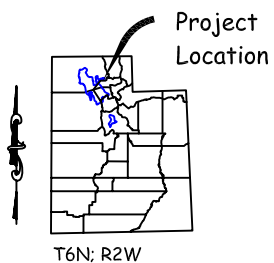
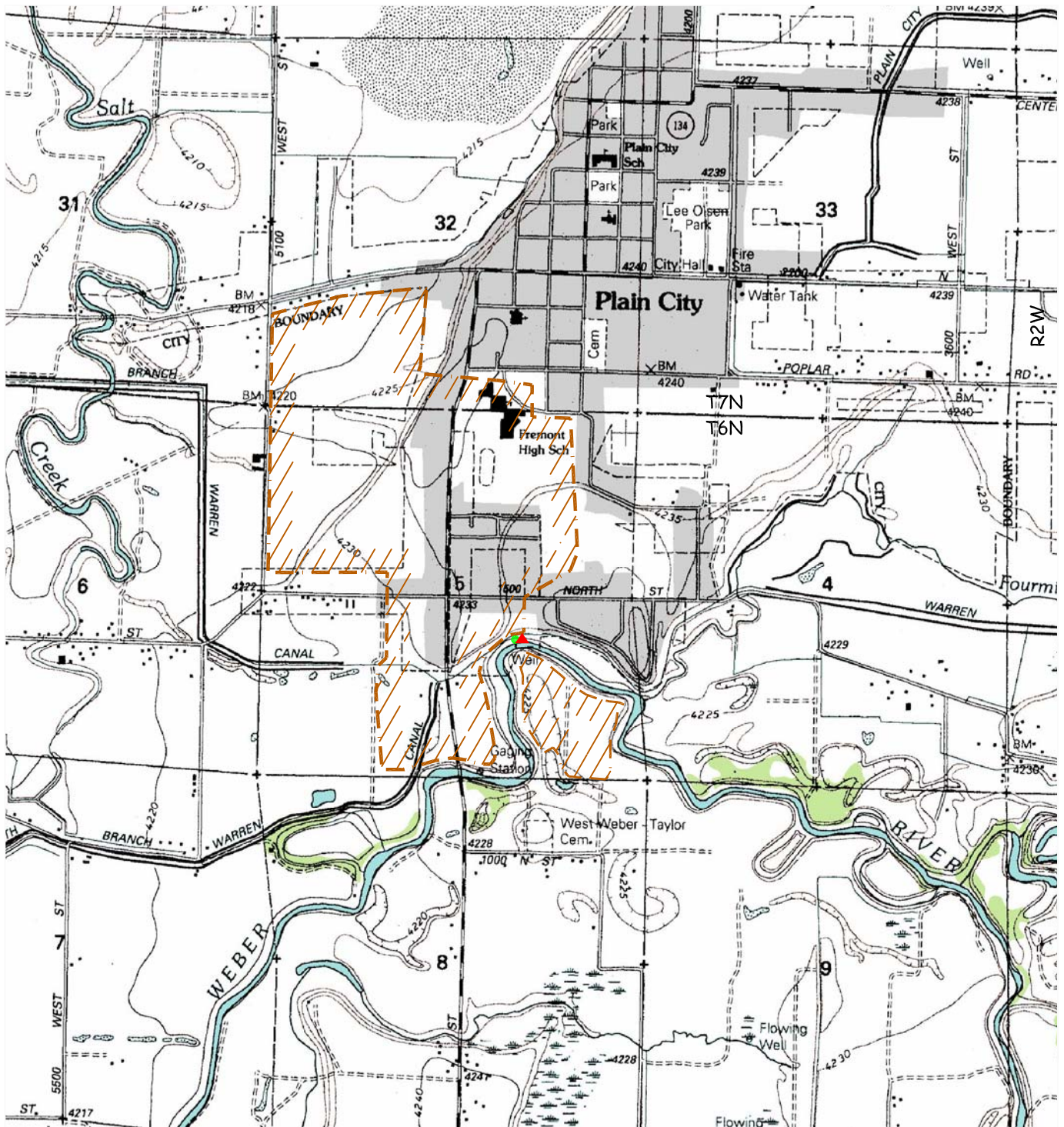
8. Prepare a water management and conservation plan for its service area, and obtain approval of it from the Division of Water Resources.

9. Obtain an IRS Employer Identification Number.

STAFF COMMENTS: The sponsor has completed most of the Sponsor's Responsibilities and is desirous of completing the project by this fall. Staff therefore suggests that, if the board chooses to authorize the project, it also commit funds.

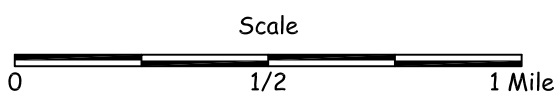
PROJECT CONTACT PEOPLE:	President:	O. Scott Wayment 1656 North 5900 West Ogden, UT 84404 Phone: (801) 731-1531
	Secretary:	Val Hancock 121 South 4600 West Ogden, UT 84404 Phone: (801) 731-2880
	Engineer:	Cliff Cole WCA Structural Engineering 442 North Main, Suite 200 Bountiful, UT 84010 Phone: (801) 298-1118








## PIONEER LAND AND IRRIGATION COMPANY

Pump Station  
Weber Co.



-  Company Service Area
-  Existing Pump Station
-  Proposed Pump Station

BOARD OF WATER RESOURCES

Application Summary

Appl. No. **E-113**

Received: 7/17/03

SPONSOR: **WEBER-BOX ELDER CONSERVATION DISTRICT**

President: James N. Randall  
471 West 2nd Street  
Ogden, UT 84404  
Phone: (801) 621-6555

LOCATION: Water from the proposed project will be used in Ogden, North Ogden, Harrisville, Pleasant View, Farr West, and Plain City in Weber County.

PROPOSED PROJECT: The sponsor is requesting assistance to construct facilities that will provide for the reuse of wastewater discharge from the Central Weber Wastewater Treatment Plant. The wastewater is proposed to be used in pressurized irrigation systems operated by Pine View Water Systems.

WATER RIGHTS: The board has title to water shares in several irrigation companies and Pineview Reservoir, in connection with secondary systems in the above-named cities.

COST ESTIMATE: \$13,000,00

## Weber Basin Tour

Everyone arrived at the Weber Basin Water Conservancy District (WBWCD) office in Layton about 8:00 a.m. Warren Peterson called the meeting to order. He welcomed everyone and thanked the district for their great hospitality. He introduced George Harmond and welcomed him as the newest member of the Board of Water Resources. Chair Peterson then asked everyone to introduce themselves.

Tage Flint, manager of the WBWCD, welcomed everyone and thanked the Board members for coming to the Weber Basin area. He said the district's service area is experiencing incredible growth, and the new growth is increasing the demand for municipal and industrial water. Mr. Flint gave a history of the WBWCD, which was created in 1950 to act as the local sponsor of the federal Weber Basin Project and to supply water resources to the population within its service boundaries.

Mr. Flint showed a map of the WBWCD service area, which covers over 2500 square miles as it serves five counties: Davis, Weber, Morgan, Summit and a part of Box Elder. He also mentioned the seven large storage reservoirs WBWCD operates on the Weber and Ogden Rivers. He said WBWCD is unique for its ability to serve five classifications of water service, including agricultural water (flood and pressure), drinking water, industrial supplies, groundwater replacement and pressurized/secondary water.

Mr. Flint said WBWCD has been very involved with the Division and Board of Water Resources for many years. They are currently working with division staff trying to find meters that will work with the secondary untreated water.

After a short briefing, everyone got on the bus and left the district office about 8:40 a.m. and stopped at a fluoride injection station. Scott Paxman explained the fluoride project the district was directed to construct since Davis County residents voted in favor of the fluoride initiative. The WBWCD has built five fluoride stations and is in the process of building three more. These stations feed fluoride to the Davis County population only since Weber County residents voted against fluoride. The total cost for the fluoride feed system is approximately \$2,000,000.

On the way to the drought relief pumps project, Mr. Flint pointed out the Davis and Weber Counties (DWC) canal and the areas that were damaged when the canal failed. He said the WBWCD helped supply water to the farmers during the washout by using the drought relief pumps which were constructed during the drought in 1977-78. The bus stopped at the drought pump station, and Mark Anderson explained the project before everyone went inside the building. He said WBWCD received financial assistance from the Board of Water Resources to help build the pump plant and reservoir. Ivan Flint talked about the development of the project. He said WBWCD worked fast and hard to get the project designed within 120 days so they could receive emergency drought funding.

As the bus drove through the West Haven/Kanesville area, Mark Anderson talked about the water system WBWCD was asked to take over from the Kanesville Irrigation Company in

1999. Through financial assistance from the Board of Water Resources, WBWCD upgraded and expanded the service area of the system and installed additional transmission lines and pump station additions.

Tage Flint talked about the Bear River Development Act Project and what the WBWCD and the Jordan Valley Water Conservancy District have done to prepare for it. He pointed out the land that has been purchased by both districts in anticipation of building a water treatment plant for Bear River water if the state builds the Bear River Project. He explained how the legislative act divided the Bear River water totaling 220,000 acre-feet between the two water districts and Cache and Box Elder Counties.

While the bus traveled to Willard Dam and Reservoir, Mr. Flint talked about the project that was built between 1957-1963 with the idea of exchanging water with the other water companies on the Weber River. The reservoir will be at its lowest level since it was built, which will impact the recreation users. It is the shallowest reservoir operated by WBWCD and it experiences the most evaporation. He said some of the areas in Box Elder County have expressed an interest in having WBWCD supply them with water.

Mark Anderson talked about the Willard Canal and said the canal is a bi-directional canal that takes water from the Slaterville Diversion and conveys it to Willard Bay for storage. When water is called for from Willard Bay, the Willard Canal pumping plant will lift approximately 500 cfs of water back into the canal for deliveries back to the Weber River.

Grant Salter met the group at the pumping plant when everyone had the opportunity to look at the pumps and the mud cat dredge that was cleaning out the canal. The bus then stopped at the marina at Willard Bay, which is an area heavily used for recreation by the residents of the Wasatch Front. Tage Flint talked about the increased security measures WBWCD has implemented since the September 11 terrorists attacks.

As the bus traveled up Ogden Canyon, Tage Flint explained the district's flood control responsibilities on the dams and reservoirs. They have to keep water in the lower Weber River for fish purposes. When the bus arrived at Pineview Reservoir, Mark Anderson talked about the spillway repair project. As part of the Safety of Dams Program, the U.S. Bureau of Reclamation is upgrading the Pineview Dam against future seismic events.

The bus followed the road around Pineview Reservoir through the Eden Valley area. Tage Flint said the area is currently under the Weber County master planning, and secondary water is being proposed, along with a sewer system rather than the current use of septic tanks. On the way to Causey Reservoir, he pointed out the new homes being built in the canyon, and said the homeowners are requesting water from WBWCD because they cannot get permits to drill wells without replacement water. He talked about replacement water contracts but said new homes might be limited in the area.

The group stopped at Causey Reservoir and had a delicious lunch served by the WBWCD staff. After lunch the group went to the Causey Dam Hydroelectric Power Plant that was

constructed in 1997-1998 as part of a rehabilitation and betterment project loan from the Bureau of Reclamation. The 2,235 kilowatt power plant operates year round and is an important source of power for the WBWCD.

The bus next stopped at the Gateway Canal and Mark Anderson talked about the Gateway Canal Project, which is the lifeblood for the aqueducts that supply water to the Wasatch Front and Ogden. The WBWCD is just completing a major ten year rehabilitation and betterment project. Everyone looked at the Gateway Power Plant, situated at the end of the canal, which is a two-unit power plant.

While the bus traveled down Weber Canyon, Tage Flint pointed out where the Gateway Tunnel comes out of the mountain. He said the water flowing through the Gateway Tunnel is diverted into two aqueducts. The Davis Aqueduct feeds the Layton and Bountiful water treatment plants as well as irrigation water while the Weber Aqueduct supplies water to the Ogden treatment plant and irrigation water in Weber County.

The bus arrived at the WBWCD offices and everyone got off and toured the new treatment facilities. Scott Paxman led the tour and talked about the new renovation and replacement project that was currently underway. He said the new treatment plant will have nearly twice the capacity and will meet all current and foreseeable EPA drinking water regulations using several state of the art treatment processes. He explained the new ultraviolet disinfection and ozone processes they use in the chemical feed building. As everyone walked by the outside pools, he explained the new flocculation process. He said the old filter plant is now off line and will be remodeled or demolished.

The tour ended about 4:15 p.m.

Weber Basin Tour Attendees  
June 11, 2003

Board Members

Warren Peterson  
Harold Shirley  
Brad Hancock  
George Harmond, Jr.  
Ivan and Marlene Flint  
Bill Marcovecchio  
Paul Riley  
Paul and Judy McPherson

Staff

Larry Anderson  
Dennis Strong  
Eric Millis  
Dave Cole  
Todd Adams  
Steve Wilde  
Boyd and Donna Phillips  
Randy Staker  
Nancy Fullmer

Visitors

Sherm and Marsha Hoskins  
Anna Atwater  
Steve Allred  
Brian Allred  
John Mann

Weber Basin WCD Staff

Tage Flint  
Mark Anderson  
Scott Paxman

*Unapproved*  
MINUTES

BOARD OF WATER RESOURCES  
BRIEFING MEETING

June 11, 2003

Weber Basin Water Conservancy District  
2837 East Highway 193  
Layton, Utah

## BOARD OF WATER RESOURCES

Briefing Meeting  
June 11, 2003

The Board of Water Resources held a briefing meeting on June 11, 2003, at 4:00 p.m. at the Weber Basin Water Conservancy District, 2837 East Highway 193, Layton, Utah.

The following people were in attendance:

### BOARD MEMBERS

Warren Peterson  
Paul Riley  
Ivan Flint  
Brad Hancock  
Harold Shirley  
Bill Marcovecchio  
George Harmond, Jr.  
Paul McPherson

### STAFF MEMBERS

Larry Anderson  
Dennis Strong  
Eric Millis  
Steve Wilde  
Nancy Fullmer  
Randy Staker  
Dave Cole  
Boyd Phillips  
Todd Adams

### VISITORS

Sherm Hoskins  
Anna Atwater



Chair Warren Peterson called the briefing meeting to order and welcomed everyone. The Board members thanked Tage Flint and his staff for the wonderful informative tour.

## CHAIRMAN'S REPORT

Chair Peterson reported on the Governor's Water Funding Task Force meeting he and Director Anderson attended in May. He said one of the legislators requested that the Board of Water Resources review their policies and guidelines and the way they evaluate the loans. He suggested the Board stay after the Board meeting in Cedar City in August to review and discuss their policies. The next Board meeting will consist of a tour on Thursday with a briefing meeting that afternoon, the Board meeting will be held on Friday morning, and then the Board could hold a short retreat to review the Board's policies and decide if they want to make any changes.

The Board members agreed to hold a short retreat after the August Board meeting. Staff will send out information in advance of the retreat. Director Anderson said the policies and guidelines are in the comprehensive handbook and also in the application packets. Staff will be prepared to explain how recommendations are made based on the policies and guidelines and how interest rates are determined. Staff will also talk about some of the projects the Board has received criticism for funding.

Director Anderson said staff would like to take time at Board briefing meetings whenever possible to discuss specific items; such as ethics, funding programs, conflicts of interest, etc. Staff has made a list of topics, but it might take a couple of years to go through all of them.

Warren Peterson said the Water Development Commission is meeting on July 15. The draft report prepared by the funding task force subcommittee will be presented and considered at that meeting. He said the report is on a website and public comment is being solicited that will be presented at that meeting.

Chairman Peterson said he is planning to hold to his promise to turn his chairmanship over after serving one year so he wants the Board to be prepared to elect a new chairman and new vice chairman at the Board meeting tomorrow. He said he has thoroughly enjoyed working as Board chair and staff has been incredible; but he wants to spend more time with his family. He also wants other Board members to have an opportunity to serve as chairman.

Ivan Flint said he thought Chair Peterson had done an excellent job and he doesn't think it is a bad idea to serve as vice chair for one year then chair for one year.

## DISCUSSION OF STAFF ACTIVITIES

Larry Anderson thanked Tage and Ivan Flint and Dennis Strong for putting together the excellent tour of the Weber Basin area. He asked Eric Millis to talk about the proposed state water conservation plan. He said staff was on the last agenda of the Water Development Commission meeting to talk about the plan, but the Commission run out of time so the item is on the agenda for the next meeting.

Eric Millis said staff felt surprised that people were saying the state didn't have a water conservation plan so staff is compiling all of the information from separate reports into one document. He said the Governor's Water Conservation Team has been getting water conservation information out to the media, the State Water Plan and basin plans contain a section on water conservation, and the legislature passed the Water Conservation Plan Act that requires municipalities to submit a water conservation plan. Mr. Millis said staff wants to emphasize the goal of reducing water use by 25% and conserving 400,000 acre-feet of water before 2025.

There was a discussion about drought and water conservation being two separate issues. Water conservation should be on-going and a long-term commitment no matter how much water is available. The state also has a drought plan and a committee that meets periodically.

## DISCUSSION OF PROJECTS

### Tropic & East Fork Irr. Co.

Steve Wilde said the irrigation company has been approved to receive grant funds from the Upper Sevier River Water Conservancy District as part of the CUP Section 206 funds. Harold Shirley said the company is proposing to construct the project in two phases. Dennis Strong said CUP funds would only be used on one of the phases, but the Board's funds would be used on both phases. Steve Wilde said they want authorization for both phases at this time with repayment terms to be determined when funds are committed.

The Board members asked about the benefit-cost ratio and the sponsor's ability to repay the Board. There was also a discussion about the water rights and return flows.

### West Panguitch Irr. & Reservoir Co.

Warren Peterson expressed his concerns about the water rights for the company and the additional new acreage. He also wanted staff to be aware of the company decreasing its water rights to provide water for cabins and summer homes near Panguitch Lake.

Steve Wilde said Tom Cox has the details. Dennis said his staff would be designing the project. Director Anderson said staff won't let a system be designed that includes more acreages than is allowed by the company's water rights, and staff engineers are well aware of the concerns in the Sevier River Basin.

### West Point City

Ivan Fint said he looked at this proposed project, but he didn't know they had asked for an interest rate buydown arrangement. Steve Wilde said the water rates would be the same with the interest rate buydown as it would be if a larger loan were obtained from the Board. Mr. Flint

said this project should help the situation with the Hooper Water Improvement District and West Point City water systems overlapping in some areas.

#### Davis and Weber Counties Canal Company

Ivan Flint said this large secondary irrigation project was approved years ago; Dennis Strong said it was authorized in 1988 to be built in several phases over a period of years. Mr. Flint said this was one of the projects the Board was being criticized for funding. He asked about the financial status of the company and if they were current on their repayments to the Board.

After some discussion, the Board members said they might want to review the cost sharing and repayment terms on the additional phases of the company's project that was authorized by the Board.

#### Consolidated Sevier Bridge Reservoir Co.

Warren Peterson declared a conflict of interest. Dennis Strong said because of the availability of Board funds, staff recommended the Board commit funds on only the first phase of the dam safety project, which is the most crucial from a safety standpoint. He also said the amount being requested from the Board is less than the amount authorized.

#### Richland Nonprofit Water Company

Steve Wilde said the sponsor did not complete all of the requirements for committal of funds. Staff recommends the Board authorize the project but not commit funds at this time.

#### OTHER ITEMS

Chair Peterson said the Board meeting would be held at the Weber Basin Water Conservancy District office building in the room we are currently meeting in.

The meeting adjourned at 5:45 p.m.

*Unapproved*  
MINUTES OF THE  
BOARD OF WATER RESOURCES MEETING

June 12, 2003

Weber Basin Water Conservancy District  
2837 East Highway 193  
Layton, Utah

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## SUMMARY OF BOARD ACTIONS

1. The Minutes of the April 24 and 25, 2003 meetings were approved with suggested changes. page 1
2. The Board authorized the Tropic and East Fork Irrigation Company project in the amount of \$820,000 (49%) to be purchased at 1.5% interest from the C&D fund over approximately 25 years with annual payments of \$40,000. page 2
3. The West Panguitch Irrigation and Reservoir Co. project was authorized in the amount of \$137,000 (19%) at 0% interest over approximately 11 years with annual payments of \$9,000 the first year, \$11,000 the second, and \$13,000 thereafter. page 3
4. The Board authorized the West Point City project to participate in an interest rate buydown. The market loan of \$890,000 will be repaid in 20 years at 5% interest with the first payment in 2005. The \$410,000 (25%) bonded indebtedness to the Board would be repaid in 12 years at 0% interest beginning in 2007 with payments ranging from \$4,000 to \$80,000 and a final payment of \$9,000 in 2018. page 4
5. Funds were committed to the Davis and Weber Counties Canal Co. in the amount of \$545,000 (85%) to be purchased in 35 years at 5% interest with annual payments of approximately \$33,300. The company is to pay \$97,000 upfront and supply the necessary water right to cover the project. page 4
6. The Board committed funds in the form of a dam safety grant to the Consolidated Sevier Bridge Reservoir Co. in the amount of \$4.275 million (95%). page 5
7. The Carbonville Ditch Co., Croydon Pipeline Co., East Carbon City, and Marion Park Estates applications were withdrawn from further consideration by the Board. page 6
8. The Board authorized the Richland Non-profit Water Co. project in the amount of \$335,000 (17%) to be returned in 25 years at 4% interest with annual payments ranging from approximately \$16,400 to \$29,400. page 7
9. Paul Riley was elected by acclamation to the office of Board Chairman. page 7
10. Harold Shirley was elected by acclamation to the office of Board Vice-Chairman. page 7

## THOSE PRESENT

The Utah BOARD OF WATER RESOURCES met in regular session on Thursday, June 12, 2003 at the Weber Basin Water Conservancy District offices, 2837 East Highway 193, Layton, Utah. Chair Peterson presided over the 8:30 a.m. meeting.

### BOARD MEMBERS PRESENT:

Warren Peterson  
Paul Riley  
Harold Shirley  
Brad Hancock  
Paul McPherson  
George Harmond, Jr.  
Bill Marcovecchio  
Ivan Flint

### STAFF MEMBERS PRESENT:

D. Larry Anderson, Director  
Dennis Strong, Deputy Director  
Eric Millis, Asst. Director  
Nancy Fullmer, Administrative Secretary  
Randy Staker, Accountant  
Steve Wilde, Chief Investigations  
Todd Adams, Chief, Hydrology & Computer Applications  
Dave Cole, Sr. Engineer  
Tom Cox, Engineer  
Gina Hirst, Engineer

### OTHERS PRESENT:

Sherm Hoskins, Asst. Director, Department of Natural Resources  
Anna Atwater, Budget Analyst, Governor's Office of Planning and Budget  
Chris Hogge, Engineer, Weber Basin Water Conservancy District  
Doug Nielson, Sunrise Engineering

Franz Shakespear, Tropic and East Fork Irrigation Company

Mac Hatch, President, West Panguitch Irrigation Co.

OTHERS PRESENT CONT'D:

Gary L. Peterson, West Point City Council  
John Petroff, Jr. Mayor, West Point City  
Rick Davis, City Manager, West Point City

Joe Dawson, President, Davis & Weber Counties Canal Co.  
Floyd Baham, Manager, Davis & Weber Counties Canal Co.  
Tracy Allen, Project Engineer, J U B Engineers

Clyde Bunker, President, Consolidated Sevier Bridge Reservoir

Robert Wood, President, Richland Non-profit Water Company  
Brian Wood, Project Manager, Richland Non-profit Water Company  
Randy House, Director, Richland Non-profit Water Company  
Lance Anderson, Engineer, Richland Non-profit Water Company  
Kris Wiese, Designer, Richland Non-profit Water Company



MINUTES OF THE  
BOARD OF WATER RESOURCES MEETING  
June 12, 2003

Chair Warren Peterson welcomed everyone at the meeting and expressed appreciation to the Weber Basin Water Conservancy District for the excellent tour the Board enjoyed on Thursday, June 11 along with a delicious lunch and dinner.

APPROVAL OF MINUTES

Paul Riley made a motion, seconded by Paul McPherson to approve the minutes of the April 24 and 25, 2003 meetings with suggested changes. The Board agreed unanimously.

CHAIR'S REPORT

Chair Peterson welcomed George Harmond, Jr., recently appointed Board member, to his first meeting of the Board of Water Resources. Mr. Peterson asked the Board to study the Board's statute and policies and be prepared to give a critical assessment of what the Board and staff does. He expressed appreciation to each of the Board members and staff and thanked them for making him look good as chair. Ivan Flint said Mr. Peterson had done an excellent job and the Board appreciates all he has done.

DROUGHT REPORT

Todd Adams said he asked Randy Julander of the NRCS to send him a short summary. Randy said the short summary is, "no snow, no water". Mr. Adams showed a Snotel site the NRCS is working on, and there is no snow. Reservoir levels have peaked, and the runoff has been short lived. Statewide average is around 57%.

The Drought Monitor is continually getting worse. At the beginning of the year we were in moderate and now we're into extreme, and the upper corner of the state is in exceptional. He said the temperature outlook is for higher than normal temperatures. Brian McNerny of the National Weather Service said they have never seen a drought as bad as it is now.

Mr. Adams said the Governor's Water Conservation Team has been looking at water use throughout the state and said right now it's 7% under what was used last year. People are getting the word and not turning their sprinklers on or didn't turn them on until later in May when it got hot.

Director Anderson thanked Mr. Adams for the presentation. He said the public has responded and there's been a pretty significant reduction. It's hard to keep going down at that type of rate every year as when it's wet we don't use any water, and when it starts getting hot we use a lot more. It depends on the temperature and how much precipitation is received in the middle of the summer. We need to keep reminding people; they're doing an excellent job.

## FEASIBILITY REPORT

### #E104 Tropic and East Fork Irrigation Company

Chair Peterson recognized Franz Shakespear, president of the company. Tom Cox reported the company provides irrigation water to about 1700 acres around the community of Tropic and on the Paunsaugunt Plateau north of Ruby's Inn, near Bryce Canyon National Park. Water is diverted from the East Fork of the Sevier River into the Tropic and East Fork Canal. The upper two miles of the canal were lined in 1962 with non-reinforced concrete, which is badly broken up and deteriorated; the remaining stretch of canal is unlined. The company estimates nearly half (approximately 3,000 acre-feet) of diverted water is lost to seepage annually.

The company is requesting technical and financial assistance from the Board to replace the canal with 30" PVC pipe. The project will be built in two phases. The cost estimate for both phases is \$1.690 million. It is requested the Board of Water Resources provide 49% of the project cost. The Upper Sevier River Water Conservancy District through the Central Utah Water Conservancy District (Section 206) will provide 75% of the cost of Phase II.

Harold Shirley made the motion the Board authorize the Tropic and East Fork Irrigation Company project in the amount of \$820,000 (49%) to be purchased at 1.5% interest from the C&D fund over approximately 25 years with annual payments of \$40,000. Bill Marcovecchio seconded the motion and the Board agreed unanimously.

### #E105 West Panguitch Irrigation and Reservoir Co.

Chair Peterson introduced Mac Hatch, president of the company. Tom Cox reported the proposed project is located northwest of Panguitch City in Garfield County. The company owns a decreed right to irrigate around 4400 acres in the Panguitch area. The water is stored in Panguitch Lake and diverted into several distribution systems. Over half the land is sprinkle irrigated and the rest flood irrigated.

The 12-mile long, earthen West Panguitch Canal serves farmland west and northwest of the city. The company estimates about 25% of the water diverted into the canal is lost to seepage. It is anticipated that if the canal was piped the flood irrigated

acres would be converted to sprinklers, and an additional 300 acres currently not irrigated would be put under cultivation.

The company is requesting technical and financial assistance from the Board to pipe a portion of the West Panguitch Canal. The project is estimated to cost \$708,000, and \$137,000 or 19% is requested from the Board of Water Resources. The Upper Sevier River Water Conservancy District will provide 75% of the amount and will receive its funds (grant) from the Central Utah Water Conservancy District through Section 206.

The company has received assistance in the past for repairs to Panguitch Lake and three irrigation system projects. The company's water right is described in the Cox Decree and covers the major portion of the flow of Panguitch Creek, and allows for the irrigation of around 4400 acres. The company must ensure all project lands fall within their existing water right and they must complete any change applications and file them with the State Engineer's office.

Director Anderson asked if the 300 acres of new land to be brought under irrigation are within the Cox Decree as all the water is used in the Sevier River. Mr. Hatch said currently under the West Panguitch Canal there are 1889 acres allocated in the decreed water rights in this area. Three hundred of those are probably not going to be irrigated as they are too high up and cannot be pressurized off this system. This leaves about 1500 acres; he said they were not exceeding their decreed water rights and will not be adding new crops. It is property that hasn't been irrigated because of the drought. Mr. Anderson said if water isn't used within five years the right is forfeited. The division staff will work with the company's attorney and the State Engineer's office to guarantee there is not an expansion of rights within the system.

Mr. Hatch thanked the Board for the opportunity. He said the project had been talked about in the company for a lot of years and because of the drought the company determined it needed to do whatever it could to conserve water.

Harold Shirley made the motion to authorize the West Panguitch Irrigation and Reservoir Co. project in the amount of \$137,000 (19%) at 0% interest over approximately 11 years with annual payments of \$9,000 the first year, \$11,000 the second, and \$13,000 thereafter. Paul Riley seconded the motion and the Board agreed unanimously.

#### #L546 West Point City

Chair Peterson introduced, Rick Davis, manager; Gary Petersen, City Council; Mayor John Petroff, Jr., and Boyd Davis, City Engineer. Gina Hirst reported the city is requesting financial assistance to construct a two million gallon concrete storage tank with booster pumping station, and install pipeline to connect it to the existing system. The system is currently adequate to meet demands, however, additional storage will be necessary as growth continues.

The city has prepared a master plan outlining culinary water projects that will help the system grow from a current service capacity of 7,500 people to 26,000 people at buildout within 20 years. Since 1980 culinary connections have grown at a rate of 6% annually.

Technical assistance is being provided by Gardner Engineering in Ogden. The project is estimated to cost \$1.625 million; the city is requesting the Board participate in an interest rate buydown. Based on the Board's water service affordability guidelines, West Point City residents could pay up to \$39.31 per month. Based on the cost of water the proposed project will cost \$42.95 per month. West Point City has received funding from the Board on two previous occasions; both have been paid off.

Mayor Petroff said the city is growing fast as over the last three months they have had 20 building permits a month. The West Point-Syracuse areas, and the west side of Davis County are quickly becoming the fastest growing areas in the state. The mayor said they have a city master plan for all its infrastructure needs. It is a pretty detailed plan. There is a time frame for the expenditures within each area (water, storm water, roads) and the city is going forward with them. Chair Peterson complimented the city and said the Board looks to communities to do the very thing West Point is doing (set aside capital reserves for future growth); this helps the Board's money go to communities where the infrastructure isn't in place.

Ivan Flint made the motion the West Point City project be authorized and the Board participate in an interest rate buydown. The market loan of \$890,000 would be repaid in 20 years at 5% interest with the first payment in 2005. The \$410,000 (25%) bonded indebtedness to the Board would be repaid in 12 years at 0% interest beginning in 2007 with payments ranging from \$4,000 to \$80,000 and a final payment of \$9,000 in 2018. Brad Hancock seconded the motion and it was unanimously agreed upon by the Board.

## COMMITTAL OF FUNDS

### #E112 Davis and Weber Counties Canal Co.

Chair Peterson introduced Joe Dawson, president; Floyd Baham, general manager; and Tracy Allen, J U B Engineers. Steve Wilde reported the company is requesting financial assistance to construct the first portion of Phase IV of the project, which is a pressurized secondary irrigation system in western Layton.

The Board voted at authorization to provide 85% of the overall project cost, with financial assistance to be returned at 5% interest over not more than 35 years. The remainder of the West Layton project will cost around \$7.25 million and the company will seek funding committals from the Board over the next several years for 85% of that amount.

Floyd Baham said the city is installing a sewer line on Gordon Avenue this year and the company feels the pressurized lines need to be installed at the same time; the city has an ordinance that you cannot dig in the street for at least three years.

Ivan Flint asked Mr. Baham if the loans the company has with the Board of Water Resources are all current. Mr. Baham said yes. Mr. Flint made the motion to commit funds to the Davis & Weber Counties Canal Company in the amount of \$545,000 (85%) to be purchased in 35 years at 5% interest with annual payments of approximately \$33,300. The company is to pay upfront \$97,000 and supply the necessary water right to cover the project. Bill Marcovecchio seconded the motion and the Board agreed unanimously.

Chair Peterson said the company's authorization for further phases will be revisited to determine if the Board will go forward with the 85/15% project share. Mr. Baham said the company appreciates all the Board has done for them.

## DAM SAFETY

### #C023 Consolidated Sevier Bridge Reservoir Co.

Chair Peterson said he had a conflict of interest as he serves as legal counsel for the company. Steve Wilde reported last December the Board authorized a 95% grant in the amount of \$4.75 million to Consolidated Sevier Bridge Reservoir Company to upgrade Sevier Bridge Dam to meet dam safety standards. The work is being divided into two phases with Phase I being the most critical. That phase includes placement of riprap on the dam's upstream face, construction of a stability berm to make the embankment stable during an earthquake, installation of an outlet works, upstream guard gate and rehabilitation of the existing downstream control gate. The estimated cost of the first phase is lower than at authorization.

Chair Peterson recognized Clyde Bunker, president of the Consolidated Sevier Bridge Reservoir Co. Paul McPherson asked how long it would take to complete the work on the dam after it has been drained. Mr. Bunker said the reservoir will be drained and they plan to start construction August 15, and plan to have it finished by October 1 so they can start storing water.

Mr. McPherson made the motion to commit funds in the form of a grant to the Consolidated Sevier Bridge Reservoir Co. in the amount of \$4.275 million (95%). Brad Hancock seconded the motion and the Board agreed unanimously.

## SPECIAL ITEMS

### #D887 Carbonville Ditch Co.

The Board authorized the project to help construct a pressurized irrigation system to serve the outdoor watering needs of up to 115 homes in Carbonville. Because the company built much of the project using Bureau of Reclamation salinity control funds, Board assistance is no longer needed.

### #D962 Croydon Pipeline Company

The Croydon Pipeline Project was authorized at \$35,000 (36%) to help drill and equip an 8-inch culinary water well. Since then the company has not made progress toward construction, and an RECD grant necessary to make the project affordable has not been obtained.

### #D969 East Carbon City

The city requested financial assistance to construct an 80-foot high earth dam to store water for East Carbon and Sunnyside. Since the city shows no interest in proceeding with the project anytime soon staff recommends the application be withdrawn.

### #E065 Marion Park Estates

The sponsor requested financial assistance to improve and upgrade its culinary water system. With Board assistance, Marion Waterworks Company is beginning construction on a new 300,000 gallon tank above Marion Park Estates. Because Marion Waterworks has agreed to service homes currently served by Marion Park Estates, and will add a transmission line and fire hydrants for future connections in the area, staff recommends the application be withdrawn.

Ivan Flint made the motion to withdraw the Carbonville Ditch Co., Croydon Pipeline Co., East Carbon City and Marion Park Estates applications from further consideration by the Board. Paul McPherson seconded the motion and it was unanimously agreed upon by the Board.

### #E087 Richland Non-profit Water Co.

Chair Peterson introduced Robert Wood, president; Brian Wood, project manager; Randy House, director; Lance Anderson, engineer; and Kris Wiese, engineer. Gina Hirst

reported there are several small water systems along the south shore of Bear Lake including Laketown, South Shore Special Service District, and Vista Grande, as well as approximately 100 individual wells serving 180 connections. Since these systems are at or near capacity, there is little or no growth in the area. All of these systems are interested in incorporating into a larger better system with water delivery guaranteed and reasonable costs.

Richland Non-profit Water Company was formed to regionalize the water system and to aid in future development of the area. Rich County and Laketown have resolutions supporting this consolidation and the regionalization of the water system. The company has agreements of intent to participate with the South Shore Special Service District, Vista Grande, Lake Vista, Wood Development and 50 individuals. Thirty-one individuals have reserved a connection in the system and will likely connect within five years.

The Richland Non-profit Water Company is requesting financial assistance to develop a public water system for the south shore of Bear Lake. The project will include a 350,000 gallon storage tank with piping and telemetry, a well, seven miles of transmission and distribution pipeline, water meters, and fire hydrants. Cache-Landmark Engineering in Logan will provide design and construction engineering services.

The project is estimated to cost \$2 million and it is requested the Board provide 17% or \$335,000 of the project cost. Based on the Board's water service affordability guidelines, south shore area residents could pay up to \$34.69 monthly for water. The cost per connection per month is estimated at \$34.50. The company is planning to charge a base rate of \$32.00 per month per residential connection; overage charges have not yet been determined.

After considerable discussion, Paul Riley made the motion to authorize the Richland Non-profit Water Co. project in the amount of \$335,000 (17%) to be returned in 25 years at 4% interest with annual payments ranging from approximately \$16,400 to \$29,400. George Harmond, Jr. seconded the motion and it was unanimously agreed upon by the Board.

## ELECTION OF OFFICERS

Ivan Flint said Warren Peterson expressed a desire to turn the chairmanship over after one year. He made the motion to nominate Paul Riley for the office of Chairman. All normal rules of the election were suspended so Paul Riley could be appointed by acclamation. Bill Marcovecchio seconded the motion and the Board agreed unanimously.

Paul Riley made the motion to nominate Harold Shirley as Vice-chair of the Board of Water Resources. Ivan Flint seconded the motion. All rules of elections were

suspended so Harold Shirley could be appointed by acclamation. The Board agreed unanimously.

Paul Riley said he looked forward to working further with the Board and staff as he has done the past 6 years. Harold Shirley said ditto.

#### DIRECTOR'S REPORT

Director Anderson expressed appreciation to Warren Peterson for his service. He's been a very good chair and runs a good meeting and staff has enjoyed the opportunity to work with him. Mr. Anderson said he looks forward to working with Dr. Riley and ex-mayor Shirley. They'll be great leaders and staff will try to work closely with them.

Director Anderson said the Board and selected staff went on a great tour on Thursday and saw many of the Weber Basin Water Conservancy District's facilities. Mr. Anderson said there have been a lot of projects built in the Weber Basin area and reviewed the projects the Board has been involved with.

Mr. Anderson gave the Board three pamphlets that are used in the water conservation area, two of them can be used as billing pamphlets. These are made available to any community that would like to send the pamphlets out with their bill. He said all the videos for the TV spots were made by Merlin Olsen this year. He did six different videos on water conservation that were very unique and entertaining.

A handout was given to the Board explaining the planning activities and highlights on what the division is doing. There are pictures of three division web pages that are on the internet, one on water-wise plants, one on water conservation and one on water education, as well as a web page on drought. Division staff maintains those and we wanted the Board to know these are available.

Director Anderson expressed appreciation to the Board for everything they do and also to the staff who do a wonderful job.

#### NEXT MEETING

The next meetings will be August 7 and 8<sup>th</sup> in Cedar City. There will be a tour August 7 leaving approximately 8 a.m. with a briefing meeting in the afternoon. On the night of the 7<sup>th</sup> arrangements have been made to attend the Shakespeare Festival. The Board meeting will be held August 8 at 8:30 a.m.

Meeting adjourned at 11:03 a.m.





## BOARD OF WATER RESOURCES TOUR April 24, 2003

The Board members and staff met at the Central Utah Water Conservancy District in Orem at 9:30 a.m. and drove up Diamond Fork Canyon to look at the nearly completed Diamond Fork Tunnel, the Upper Diamond Fork Pipeline and the Tanner Ridge Tunnel. The system picks up Strawberry Reservoir water at the Sixth Water Aqueduct, conveys it through the Tanner Ridge Tunnel, then the Upper Diamond Fork Pipeline, the Diamond Fork Tunnel and finally the Diamond Fork Pipeline which will deliver it to the Wasatch Front.

During construction, the Diamond Fork Tunnel encountered sulfur-laden water that required abandoning part of the tunnel and the tunnel boring equipment. The water has been successfully plugged and no longer poses a threat. The Upper Diamond Fork Pipeline and the Tanner Ridge Tunnel were added to replace the abandoned tunnel section.

The group walked several hundred yards into the Diamond Fork Tunnel. There was a small amount of water running through the bottom but there was no detectable sulfur smell. The tunnel has been lined and grout was being pumped into the rock; the tunnel is bored through to reduce the seepage entering the tunnel. Upon exiting the tunnel the group drove to the head of the tunnel where they are working on the facilities in the shaft that will drop water into the tunnel. From there, construction of the Upper Diamond Fork Pipeline was visible near its upstream end where it would connect to the Tanner Ridge Tunnel.

The group walked a short distance into the Tanner Ridge Tunnel which had been recently bored and was now being lined. The part seen was unlined and 12.5 feet in diameter. With the lining it will be 10.5 feet, as is the Diamond Fork Tunnel. Boring this 5,194 foot long tunnel began in December 2002 and was completed in March 2003. Completion of the entire system is expected in October 2004.

After the group arrived back at the district offices, they had lunch while district staff explained the various alternatives for the Utah Lake Drainage Basin Water Delivery System.

About 1:30 p.m. the Board members and staff got in a bus provided by the Provo River Water Users Association and toured the proposed Provo Reservoir Canal project. Keith Denos, manager of the association, explained the proposed project as the tour proceeded. The project will enclose the canal in either a 10' diameter pipe or an 8' X 12' box culvert. Liability, water quality, environmental factors (making water available for the endangered species – June Sucker), and seepage and evaporation losses are the principal drivers of the project.

The bus first stopped at the Murdock Diversion at the mouth of Provo Canyon which diverts water into the Provo Reservoir Canal. Mr. Denos explained the project was

started in the 1940s and built in two parts. He said the proposed project could provide a trail which could eventually connect the Jordan River Parkway and the Provo River Parkway since there is now a trail to the Point of the Mountain and other trails.

Mr. Denos pointed out the association's current office as the bus drove through Lindon. He then took the group to the association's new offices in Pleasant Grove and said they would be moving there soon. Mr. Denos said there were 20 principal stockholders representing hundreds of people. Metropolitan Water District of Salt Lake and Sandy, and Provo Reservoir Canal Company are the major shareholders of the Provo River Water Users Association. Jordan Valley Water Conservancy District is a principal shareholder in the Provo Reservoir Canal Company. Mr. Denos gave a history of the Provo River Water Users Association which had its roots with the Provo Reservoir Canal Company.

The bus followed the route of the canal so the group could see the houses being built along it. The Salt Lake Aqueduct is just above the canal, and there has been some discussion about interconnecting the canal with the aqueduct when the canal is enclosed. The group stopped and looked at the area of the greatest instability where there are concerns about building homes below. Piping the canal would decrease seepage into the hillside and improve stability.

Steve Kane, who drove the bus, was introduced by Mr. Denos as the facilities and land maintenance manager. He talked about the maintenance of the canal and said they check for leaks continuously. He talked about the most recent canal failure in 1998 which caused a lot of damage to orchards and land below the canal in the Lindon area. The liability issue is a big concern to the association and it is hard to get insurance.

The bus stopped at the Dry Creek siphon diversion project, which was currently under construction. Mr. Denos explained the project, which consisted of trash racks and a spillway structure at the head of the siphon. He said people have entered the siphon from time to time and were killed by the high water pressure at the bottom. The project will lessen the liability and help with maintenance. Highland City and some developers paid half of the \$300,000 total cost for the diversion structure and pump project that should be completed by mid-May.

Mr. Denos pointed out Micron, which was started in 1995, and explained some of the water quality issues and problems they have had with Micron. Mr. Denos also showed the group the area of a new development that will have about 4,000 new homes. He said currently the canal goes through the middle of the development area so they need to enclose the canal for safety reasons.

Director Anderson thanked the association for giving the Board a tour of the canal and proposed project area. He also thanked them for their support with the legislature.

The bus got back to the CUWCD offices at about 3:50 p.m.

Attendees on the Tour  
To Diamond Fork

Lucille Taylor  
Harold Shirley  
Paul McPherson  
Brad Hancock  
Bob Morgan  
Sherm Hoskins  
Larry Anderson  
Dennis Strong  
Milo Barney  
Steve Wilde  
Eric Millis  
Lee Wimmer

Ivan and Marlene Flint followed the group part of the way.

## BOARD OF WATER RESOURCES

Briefing Meeting  
April 24, 2003

The Board of Water Resources held a briefing meeting on April 24, 2003, at 4:00 p.m. in the Central Utah Water Conservancy District in Orem, Utah.

The following people were in attendance:

### BOARD MEMBERS

Warren Peterson  
Paul Riley  
Lucille Taylor  
Ivan Flint  
Brad Hancock  
Harold Shirley

### STAFF MEMBERS

Larry Anderson  
Dennis Strong  
Eric Millis  
Steve Wilde  
Nancy Fullmer  
Randy Staker  
Milo Barney

### VISITORS

Sherm Hoskins  
Robert Morgan

*Approved*  
MINUTES

BOARD OF WATER RESOURCES  
BRIEFING MEETING

April 24, 2003

Central Utah Water Conservancy District  
355 West University Parkway  
Orem, Utah

Chair Warren Peterson called the briefing meeting to order and welcomed everyone to the meeting. He thanked Bob Morgan, Sherm Hoskins and Milo Barney for joining the Board on the tour earlier that day. He introduced Paul McPherson and said he was from Nephi and the newest member of the Board of Water Resources. He will be given time to introduce himself in the Board meeting the next day.

Director Anderson said George Harmond, who was also recently appointed to the Board, could not adjust his schedule to attend the meeting. He is an attorney in Price and had a court trial previously scheduled. He met with some of the division staff last week.

## DISCUSSION OF STAFF ACTIVITIES

Director Anderson said Ivan Flint requested the June Board tour and meeting be changed from Thursday and Friday to Wednesday and Thursday, June 11 and 12. He said some of the people involved with the tour will be leaving for the AWWA national convention. Director Anderson asked everyone to check their schedules. Mr. Flint will talk about it in the Board meeting.

Ivan Flint said Hooper Irrigation Company sent a note saying thanks for the Board's participation with their project, and asked him to express their appreciation to the Board members.

## DISCUSSION OF PROJECTS

### Lake Creek Irrigation Company

Steve Wilde said the irrigation company is located east of Heber City, and the Board has worked with the company several times over the years. He said the company wants to install meters on its secondary irrigation systems. Val Anderson, an engineer with the division, is doing the technical work on the project.

Director Anderson said the project would provide good research for staff. Staff wants to see if the meters will work, and the sponsor wants to try to control water use. Staff suggests authorization for the entire project and committal of funds for phase one (a pilot project which involves installation of 24 meters). The company has agreed to try several different types of meters in order to find meters that will work well with dirty water. They want to ultimately install 360 meters when they determine which meters work the best.

### Dansie Water Company

Steve Wilde said Rod Dansie came to the Board of Water Resources about 12 years ago for a project. There were disagreements between High Country Estates and Foothills Water Company so the project was withdrawn. Mr. Dansie has returned to the Board to request financial assistance for the same project under the Dansie Water Company.

The company supplies water to 19 homes. Mr. Dansie has two water storage tanks that each hold 35,000 gallons and he wants to build a one million gallon storage tank as the Dansies plan for 1,000 homes to be built on the land they own.

Mr. Wilde said the draft feasibility report was sent to Mr. Dansie for his review and input. Mr. Dansie took exception to the water rights section; but according to the State Engineer's office, a certain right is under litigation. The last paragraph in the report stated staff believes the sponsor's project should not be funded because it appears to be a family development project and outside of the Board's guidelines. The Board could be criticized for funding a small private water system in the middle of Salt Lake County.

The Board members asked if there was a water company that could provide the water. Mr. Strong said the proposed project is located adjacent to Herriman, and they could probably purchase water from the Jordan Valley Water Conservancy District. The Board members agreed to listen to Mr. Dansie express his concerns at the Board meeting.

#### Weber Basin Water Conservancy District

Chair Peterson asked if the manager of the Weber Basin Water Conservancy District would be at the Board meeting. Ivan Flint said staff from the district was supposed to call and talk to division staff. He thought the district was going to withdraw the request for committal of funds for this phase of the project. Steve Wilde said he had not heard about a withdrawal but he would check with the staff project engineer before the Board meeting.

#### Richland Non-profit Water Company

Steve Wilde reminded the Board that in January staff presented the feasibility report for the Richland Nonprofit Water Company, but the Board did not authorize the project. The project involves consolidation of several smaller water systems; one of the systems expressed opposition during the Board meeting. The Board told the company to go back and get signed agreements before returning for authorization.

Mr. Wilde said Brian Wood wants to come to the Board meeting and give a status report. They hope to have everything completed by June so they can receive authorization and committal of funds.

#### Lake Shore Irrigation Company

Chair Peterson said staff has recommended the pipeline project for the Lake Shore Irrigation Company be funded at zero percent interest from the Revolving Construction Fund. Steve Wilde said the project is similar to the Deseret Irrigation Company projects in Millard County previously funded by the Board, in that canals higher than adjacent farmland lose water to seepage and the water damages the land and reduces its production; piping or lining the canals is thus necessary.



Mr. Wilde said the company has received threats of lawsuits because of seepage from the canals damaging adjacent fields. They would like to install the pipe as soon as possible to avoid the lawsuits so they are requesting authorization and committal of funds.

### New Applications

The Board discussed the new applications from Pioneer Land & Irrigation Company in Weber County and Centerfield Town in Sanpete County. Steve Wilde said staff is working with the sponsors on the proposed projects.

### OTHER ITEMS

Warren Peterson said he had some changes to the Minutes. Ivan Flint said when he was reading the Minutes, he noticed that Chair Peterson mentioned he would like to have a new Board chair elected. Chair Peterson said with the level of talent on the Board and with the Governor suggesting Board Members only serve two terms, it seems the chairmanship should be rotated every year so additional Board members have the opportunity to serve as the chair. Director Anderson said the Board holds an election every year, but the majority of the time the chairman has served two years rather than one year. Staff will put elections on the June meeting agenda.

Chair Peterson said he wanted to discuss the issue of the Board accepting contracts rather than bonds. He said he had not signed the contracts for two county improvement districts the Board committed funds to. He raised the question about political subdivisions being able to sign contracts rather than bonding for water projects. Because of some recent court cases, he asked staff to review the issue with Bill Prater, who is the Special Assistant Attorney General for bonding for the Board. He feels the Board should require bonds rather than contracts from political subdivisions. Dennis Strong said if the sponsor signs a contract rather than issuing a bond, the Board's statute requires the Board to take title to the water rights. After considerable discussion about the issue, the Board suggested getting legislation drafted to change the statute.

Sherm Hoskins suggested the Board hold a training session to brief the two new Board members and discuss other issues. Chair Peterson said he would work with staff to determine a date and place to hold a retreat.

The briefing meeting adjourned about 5:20 p.m. so the Board members could attend the retirement dinner for Lucille Taylor and Cleal Bradford. Director Anderson said they would be given nice plaques in appreciation of their service.

*Approved*  
MINUTES  
BOARD OF WATER RESOURCES MEETING  
April 25, 2003

Auditorium  
Department of Natural Resources Building  
1594 West North Temple  
Salt Lake City, Utah

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## SUMMARY OF BOARD ACTIONS

1. The Minutes of the March 20, 2003 Board meetings were approved with suggested changes. page 1
2. Phase I of the Lake Creek Irrigation Company project was authorized and funds committed in the amount of \$22,500 (75%), and Phase II was authorized in the amount of \$300,000 (75%). They will both be purchased at 1% interest over approximately 20 years. Phase I's annual payment will be \$1,250 and Phase II's \$16,600. page 2
3. The Mapleton City project was withdrawn from further consideration by the Board. page 4
4. The Board authorized and committed funds to the Lake Shore Irrigation Company in the amount of \$141,000 (74%) to be purchased with annual payments of \$8,000 at 0% interest over approximately 18 years. page 5
5. A resolution of appreciation will be prepared for Lucille Taylor and Cleal Bradford for their service on the Board of Water Resources. page 6

## THOSE PRESENT

The Utah BOARD OF WATER RESOURCES met in regular session on Friday, April 25, 2003 in the Auditorium of the Department of Natural Resources, 1594 West North Temple, Salt Lake City, Utah. Chair Peterson presided over the 9:00 a.m. meeting.

### BOARD MEMBERS PRESENT:

Warren Peterson  
Paul Riley  
Harold Shirley  
Brad Hancock  
Bill Marcovecchio  
Ivan Flint  
Paul McPherson  
George Harmond, Jr. was absent

### STAFF MEMBERS PRESENT:

D. Larry Anderson, Director  
Dennis Strong, Deputy Director  
Eric Millis, Asst. Director  
Nancy Fullmer, Administrative Secretary  
Randy Staker, Accountant  
Steve Wilde, Chief Investigations  
Eric Edgley, Chief, Technical Services  
Todd Adams, Chief, Hydrology & Computer Services  
Robert King, Chief, Interstate Streams  
Russell Hadley, Engineer  
Tom Cox, Engineer  
Gina Hirst, Engineer  
Val Anderson, Engineer  
Boyd Phillips, Engineer  
Dan Aubrey, Geologist  
Mike Suflita, Engineer  
Geralee Murdock, Executive Secretary

### OTHERS PRESENT:

Sherm Hoskins, Asst. Director, Department of Natural Resources  
Sherm Johnson, Redmond Irrigation  
Mike Davidson, Sunrise Engineering

OTHERS PRESENT CONT'D:

George Holmes, President, Lake Creek Irrigation Company

J. Rodney Dansie, Dansie Water Company

Bob Wood, President, Richland Nonprofit Water Company

Brian Wood, Project Manager, Richland Nonprofit Water Company

Randy House, Director, Richland Nonprofit Water Company

Lance Anderson, Project Engineer, Cache-Landmark Engineering

Chris Hogge, Engineer, Weber Basin Water Conservancy District

Jay Evans, President, Lake Shore Irrigation Company

Kevin Sorensen, Board member, Lake Shore Irrigation Company

MINUTES  
BOARD OF WATER RESOURCES MEETING  
April 25, 2003

Chair Peterson welcomed everyone and recognized Sherman Hoskins, Asst. Director of the Department of Natural Resources.

APPROVAL OF MINUTES

Harold Shirley made the motion, seconded by Bill Marcovecchio to approve the minutes of the March 20, 2003 Board meetings with suggested changes. The Board agreed unanimously.

CHAIR'S REPORT

Chair Peterson welcomed Paul McPherson, a recently appointed member of the Board of Water Resources replacing Lucille Taylor. Mr. McPherson said he lived in Nephi. He owns an interest in Greenline Equipment and also has 700 acres of farm ground and is raising 60 head of registered Angus Cows. He is currently president of the East Juab Water Conservancy District Board of Directors. He said he was glad to be a member of the Board of Water Resources.

Mr. Peterson said George Harmond, Jr., an attorney in Price, was also appointed to the Board replacing Cleal Bradford. He was unable to adjust his schedule to attend the Board meeting but hopes to attend the Board meeting in June.

Mr. Peterson said the Board toured various facilities in Utah County and wants to acknowledge and thank Central Utah Water Conservancy District and the Provo River Water Users for lunch and the informative tours.

A Water Supply Report was not given as Randy Julander was not in attendance.

FEASIBILITY REPORTS

#E102 Lake Creek Irrigation Company

Chair Peterson introduced George Holmes, president of the company. Val Anderson reported the Lake Creek Irrigation Co. is located about four miles east of Heber City. The company provides pressurized irrigation water to 2,020 acres of agricultural land and 180 acres of residential land (146 developed and 214 undeveloped lots).

Water delivered to the several residential subdivisions for secondary irrigation is metered where each subdivision's main line leaves the sponsor's transmission pipeline. Some residential

lot owners are using more irrigation water than they are entitled to and, since most residents irrigate at night, it is difficult for the company to regulate usage by direct observation. The company is requesting technical and financial assistance from the Board to install 146 meters on individual lots with existing homes, and an additional 214 meters on sold and unsold lots in platted subdivisions.

Prior to funding staff recommends a pilot project, Phase I of 24 meters. Several different kinds of meters will be tried for at least 2 ½ full irrigation seasons to rate the meters' performance in dirty water and to verify the overall project is technically feasible. Phase II will be built if the Phase I pilot project is successful and will consist of the installation of the remaining 336 meters. The company is requesting the Phase I portion of the project be authorized and committed at this time, and the Phase II portion be authorized. Division staff will provide design and construction engineering services for both phases. The Phase I project is estimated to cost \$30,000, and Phase II is estimated to cost \$400,000.

Based on the Board's affordability guidelines, Lake Creek water users could pay up to \$38.70 per month for all water. The cost of water with the proposed combined project would be \$46.35.

The company has participated with the Board in nine past projects, and has also received assistance through the dam safety program. Six of the past nine projects have been purchased and the remaining three have payoff dates of 2004, 2005, and 2006.

Mr. Holmes said because of the CUP project there is M&I water available to be purchased in Heber Valley and it needs to be delivered through an irrigation company. As part of the contract to deliver M&I water the company is requiring a meter. On all new subdivisions meters will be required on both the secondary and culinary water. The existing subdivisions that have been platted are the ones that will have to purchase and install meters. Mr. Holmes asked if the pilot project could be shorter than 2 ½ years. Larry Anderson said the pilot project is to see which meter works. He said it takes one year of operation plus a winter plus the next year to see what happens.

Paul McPherson made the motion to authorize and commit funds in the amount of \$22,500 (75%) for Phase I of the Lake Creek Irrigation Company project and to authorize Phase II in the amount of \$300,000 (75%). It is suggested they both be purchased at 1% interest over approximately 20 years. Phase I's annual payments will be \$1,250 and Phase II's \$16,600. Harold Shirley seconded the motion and the Board agreed unanimously.

#### #E103 Dansie Water Company

Chair Peterson introduced Mr. J. Rodney Dansie, president. Russell Hadley reported the Dansie Water Company serves culinary water for indoor and limited outdoor use to 12 homes and seven mobile homes west of Herriman in Salt Lake County. The system is rated "approved" by the Division of Drinking Water and consists of a well, two above ground steel storage tanks



holding a total of 70,000 gallons and distribution pipeline. The tanks are over 40 years old, require considerable upkeep and repair, and their volume is inadequate from a fire protection standpoint.

The company is requesting financial assistance to construct a million gallon concrete storage tank and install pipeline to connect it to the existing water system. The project is estimated to cost \$616,000. Based on the Board's water service affordability guidelines the company's customers could pay up to \$62.06 monthly for all water service. The cost of water with the proposed project will be around \$105 per connection per month.

The company has not received financial assistance from the Board in the past; J. Rodney Dansie submitted an application in 1991 on behalf of Foothills Water Company to construct a concrete storage tank and install transmission and distribution pipelines. That application was withdrawn in 1995.

Because the Dansie's own all the homes, land, water rights, and the shares of stock in the company it appears to be a family-owned project. Also, a one million gallon storage tank is enormous for 19 homes, even though 1,000 homes are anticipated in the future.

Mr. Hadley said he has had conversations with Herriman City and they said they would be happy to sit down with the Dansie Water Co. to discuss adding their system to the Herriman City system. Mr. Hadley said the company's project as proposed does not meet the Board's funding criteria.

Mr. Dansie thanked the Board for the opportunity to come and speak about the proposed project. Mr. Dansie explained the need for the proposed project and why it would not be good to join with Herriman City at this time.

After considerable discussion, Mr. Dansie felt it would be best to withdraw the Dansie Water Company application at this time. Chair Peterson thanked Mr. Dansie for his comments, and expressed appreciation to him for respecting the Board's view of the proposed project. Mr. Dansie expressed appreciation to staff and Bill Marcovecchio for their efforts and also for the opportunity to present the project to the Board.

## COMMITTAL OF FUNDS

### #E108 Weber Basin Water Conservancy District

Chair Peterson welcomed Chris Hogge. Mr. Hogge said the district has determined it is in its best interest to withdraw the request for committal of funds on Phase II at this time. He said the district will be back sometime in the future to ask the Board for consideration of funds on other phases. Chair Peterson said the Board would work under that understanding.

## SPECIAL ITEMS

### #D886 Mapleton City

Mapleton City had requested financial assistance to construct a pressurized secondary irrigation system throughout Mapleton. Since then the system has been partially built with groundwater contamination mitigation monies from a nearby explosives company.

Paul McPherson made the motion to withdraw the Mapleton City application from further consideration by the Board. Brad Hancock seconded the motion and it was unanimously agreed upon by the Board.

### #E087 Richland Nonprofit Water Company (status report)

Chair Peterson introduced Robert Wood, Brian Wood, and Randy House. Mr. Peterson said there would not be a staff report presented and asked the company to present a quick report. Brian Wood explained the status of the proposed project, and said they have been working very hard and they should be ready for committal of funds at the next Board meeting. Director Anderson reminded the company the project had not been previously authorized and it would need to be authorized before funds could be committed.

### #E106 Lake Shore Irrigation Company

Chair Peterson introduced Jay Evans, president; and Kevin Sorensen, a board member. Gina Hirst reported the project is located about two miles west of Spanish Fork in Utah County. She said the company delivers water for flood irrigation to about 5,400 agricultural acres through 30-35 miles of earth and concrete-lined canals and pipelines. The canals are earth, concrete lining and pipeline. Some of the concrete lining is about 40 years old and deteriorated. Some sections of the canal are higher than adjacent farmland and seepage from them enters root zones of the land, damaging it and reducing production. On two 25-acre parcels about 150 acre-feet annually is seeping, and legal action has been threatened if it isn't stopped.

The company is requesting financial assistance to replace 2700 feet of canal with pipe; they are also requesting the amount they spent last year (\$50,000) to do a similar project be included in the costs and credited as its cost sharing. The project is estimated to cost \$191,000. Shane Sorensen in Spanish Fork will provide design and construction engineering services.

With the proposed Board assistance shareholders will pay about \$16.39 per acre. Some of the landowners are renting water from the CUP to help subsidize some of the water they need for the land. This is expected to reduce CUP water from 1,140 acre-feet to about 990 acre-feet with the project in place. It is anticipated individuals will save about \$2,300 annually in reduced CUP water costs.

Chair Peterson asked if they intended to construct the project this spring. Mr. Sorensen said part of the project has already been put in and was finished on Monday to avoid legal action. He said they borrowed money for the project laid last fall and will be borrowing money for a bridge loan to cover what was installed last week. Mr. Sorensen said they realized they were going about this in the wrong way, but felt it would cost the company more in the long run and put the company in turmoil with the lawsuits against them.

Paul McPherson made the motion to authorize and commit funds to the Lake Shore Irrigation Company in the amount of \$141,000 (74%) to be purchased with annual payments of \$8,000 at 0% interest over approximately 18 years. Ivan Flint seconded the motion and the Board agreed unanimously.

### DIRECTOR'S REPORT

Director Anderson asked Asst. Director Eric Millis to introduce a new employee and one who has received a promotion in the office. Mr. Millis introduced Eric Edgley who has worked for the division for four years as the GIS Administrator and has been made the Section Manager over a recently established Technical Services section, which includes GIS, mapping, design drawings for projects and other engineering technical services. Mr. Millis also introduced Mike Suflita who will be working in the River Basin Planning Section under Todd Stonely. Mike previously worked for the Oil, Gas and Mining Division of the department, and told the Board his background experience in engineering.

Director Anderson asked Todd Adams to summarize what's happened in the cloud seeding program. Mr. Adams said the central and southern Utah area, the northern area, the West Uintas and the Uinta Mountains were seeded this year, and the Uinta Mountains are still cloud seeding and will until the end of the month. He said this year they chased a lot of small storms and when you chase small storms you get small results. He said if you only get 30% of normal the snowpack is increased by 10%. Ivan Flint said you dare not cloud seed; it is a gamble you have to take.

Lyle Summers was asked to comment on the recent Salt Lake County Water Summit called by Mayor Nancy Workman. She asked all the water people in the county to come together and talk about what can be done to get through the drought this next year. Mr. Summers summarized the comments of the people attending the summit.

Mr. Anderson asked Robert King, Chief of Interstate Streams, to comment on the Colorado River Endangered Fishes Recovery Program and also to bring the Board up-to-date on what has happened in California and their use of Colorado River water.

Mr. King said the Endangered Fishes Recovery Program for the Upper Colorado River Basin is being touted as an example of how to maintain water use and comply with the endangered species act. He said a non-native removal program has been started in the Yampa

River Basin; the northern pike are being moved to a controlled environment where they can not get back into the river. Utah does not have quite as big a problem but is starting to – the small mouth bass in the Green River system are gaining in popularity. A press release was prepared to educate people about the program.

Mr. King said in the last week or so significant developments have taken place in California. The urban water interests are taking a second look at whether it is worth their time and money to pay the farmers in the Imperial Irrigation District area to conserve their water because the federal government has now decided to proceed with a beneficial use study that may limit their water use. A lawsuit filed over this issue has been remanded to the Bureau of Reclamation by the court. Since California did not sign the Quantification Settlement Agreement, the Secretary of the Interior is only allowing 4.4 MAF of Colorado River water deliveries this year. Nevada is also suffering because they are limited to 300,000 acre-feet; Nevada was a real significant beneficiary of the Interim Surplus Guidelines because it allowed them to use over 300,000 acre-feet. Nevada is going to try to document the need for more water.

Director Anderson gave the Board a memo regarding the division's updated 1000 day plan provided to the Governor's office.

The dedication of the Sand Hollow Reservoir was held on April 18, 2003 at 10:00 a.m. Harold Shirley commented "they had more speakers than they had water in the lake, but the ceremony went real smooth". Director Anderson said there was a large turnout, over 100 people.

Chair Peterson commended Director Anderson and division staff for the good information provided at the Board meeting.

Ivan Flint said that because of an AWWA conference on June 13<sup>th</sup> it would be better to have the June Board meeting on Thursday the 12<sup>th</sup> instead of the 13<sup>th</sup>. He said the Weber Basin Water Conservancy District has arranged a special tour on Thursday June 11<sup>th</sup> for the Board. Mr. Flint made the motion to change the date of the June Board meetings in Weber Basin to June 11<sup>th</sup> and 12<sup>th</sup>. Harold Shirley seconded the motion and the Board agreed unanimously. Director Anderson said the Board meeting will be held at the Weber Basin Water Conservancy District office in Layton on Thursday morning June 12.

Harold Shirley made a motion for staff to prepare a resolution of appreciation for Lucille Taylor and Cleal Bradford for their service on the Board of Water Resources. Paul Riley seconded the motion and it was unanimously agreed upon by the Board.

Director Anderson informed the Board that Eric Millis was selected as the Department of Natural Resources manager of the year. He said we are very proud of him and sometime in December he will receive a nice gift from the department.

Meeting adjourned at 11:37 a.m.